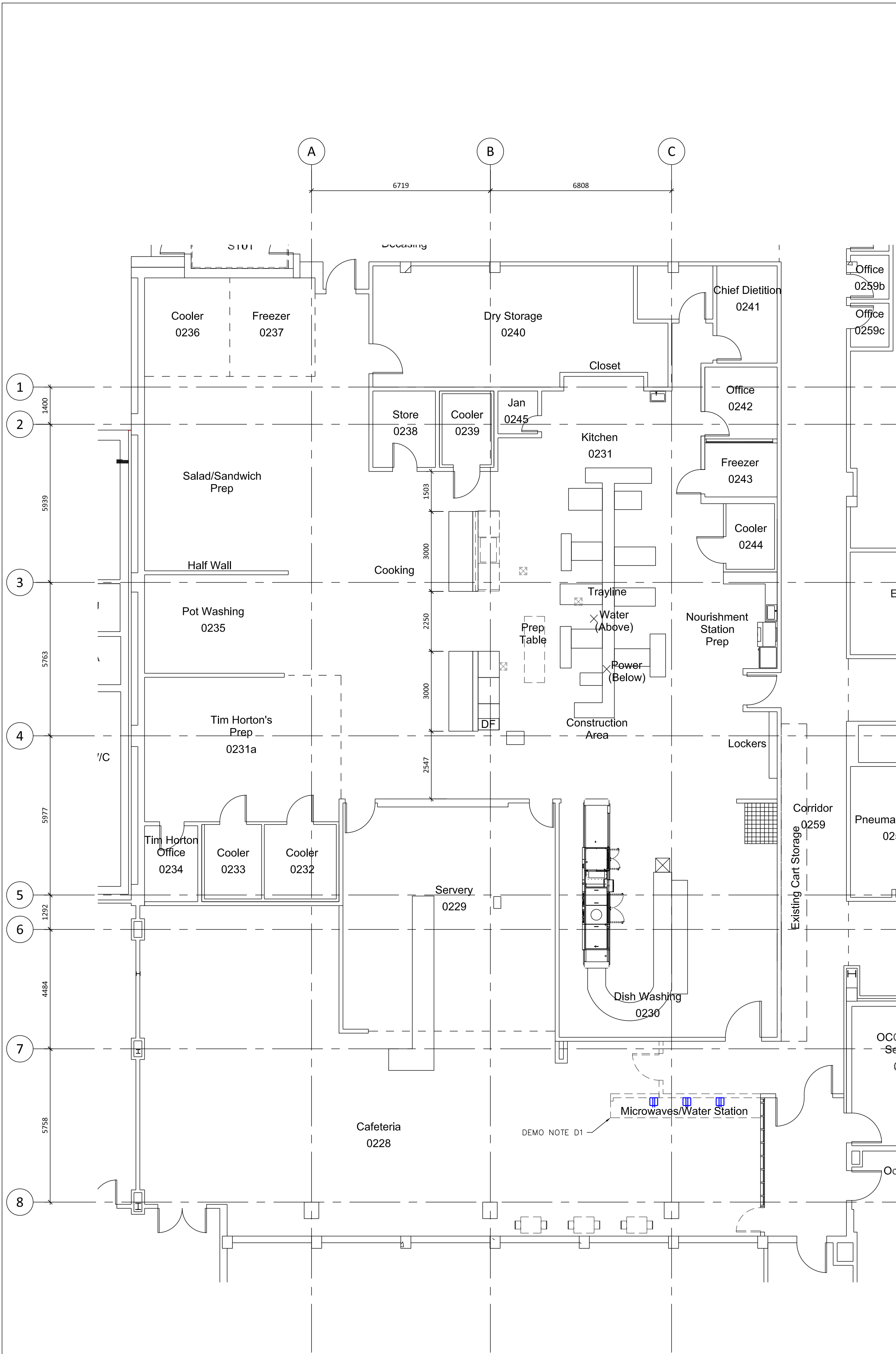
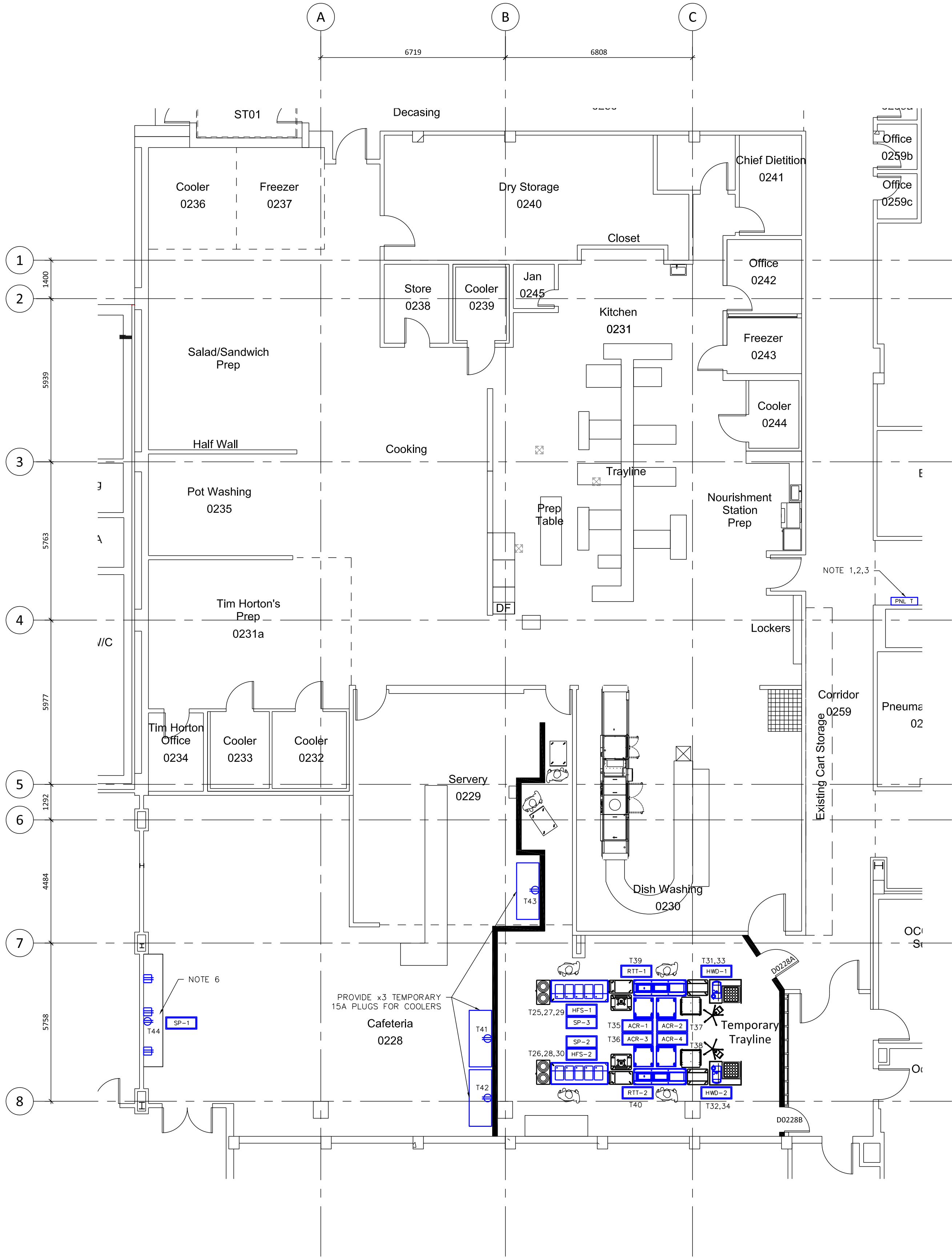
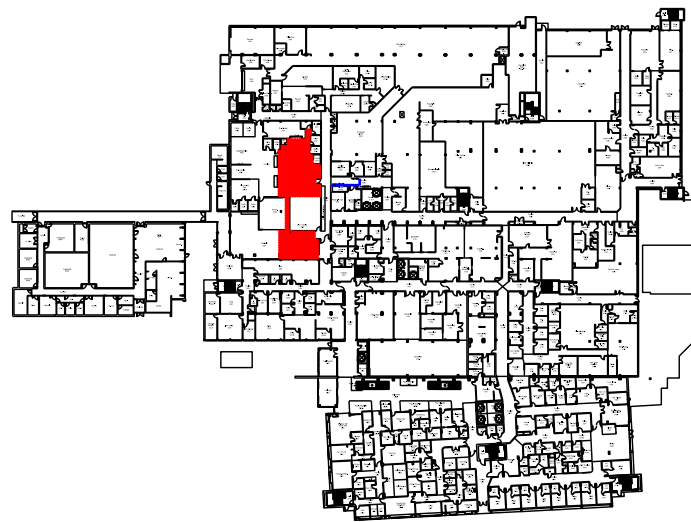




LEVEL 0 DEMO PLAN - PHASE 1
SCALE 1:100



LEVEL 0 FLOOR PLAN - PHASE 1
SCALE 1:100



KEY PLAN

PHASE 1 DEMOLITION NOTES:

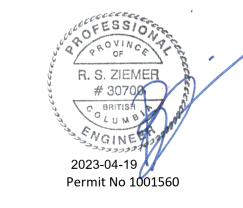
- D1. REMOVE ANY ELECTRICAL EQUIPMENT AT THE MICROWAVE/WATER STATION AND THE WALL TO BE REMOVED. CAP WIRING IN CEILING TO EXTEND IN PHASE 3

PHASE 1 NOTES:

- PROVIDE A NEW 120/208V 3Ø 400A 64 CIRCUIT PANEL TO FEED THE TEMPORARY AND PERMANENT POWER REQUIREMENTS FOR THE TRAYLINE UPGRADE. UTILIZE SPARE BREAKER SPACE IN LEVEL 2 ELECTRICAL ROOM FOR NEW PANEL. SEE DRAWING E5 FOR PANEL FEEDER ROUTING.
- PROVIDE JUNCTION BOX WITH TERMINAL STRIPS ABOVE PANEL AND INSTALL A SET OF BOTH TEMPORARY AND PERMANENT CABLES SPICED TOGETHER FOR EACH CIRCUIT TO ENSURE A SMOOTH TRANSITION FROM THE TEMPORARY TRAYLINE PHASE TO THE PERMANENT TRAYLINE PHASE.
- TEMPORARY TRAYLINE POWER CABLES ARE TO BE SOW CABLES MOUNTED ON WALL MOUNT HOOKS BELOW T-BAR TO TEMPORARY TRAYLINE LOCATION. AT PROJECT COMPLETION, REMOVE CABLES AND TURN OVER TO UHN STAFF.
- PROVIDE TEMPORARY LOCATION FOR EQUIPMENT RECEPTACLES. RECEPTACLES ARE TO BE MOVED IN THE NEXT PHASE ALONG WITH THE EQUIPMENT.
- SEE DETAILS PAGE FOR TRAYLINE EQUIPMENT AND RECEPTACLE INFORMATION. SUSPEND TRAYLINE POWER CONNECTIONS FROM CEILING USING KELLUMS GRIP.
- PROVIDE POWER FOR SUMP PUMP BELOW T-BAR CEILING. RELOCATE ABOVE COUNTER OUTLETS FOR BEVERAGE EQUIPMENT FROM EXISTING TO NEW LOCATION. CABLING TO RUN DOWN FURRED OUT SECTION AT EXISTING COLUMN, THROUGH MILLWORK BASE AND FISHED INTO WALL ABOVE COUNTER.

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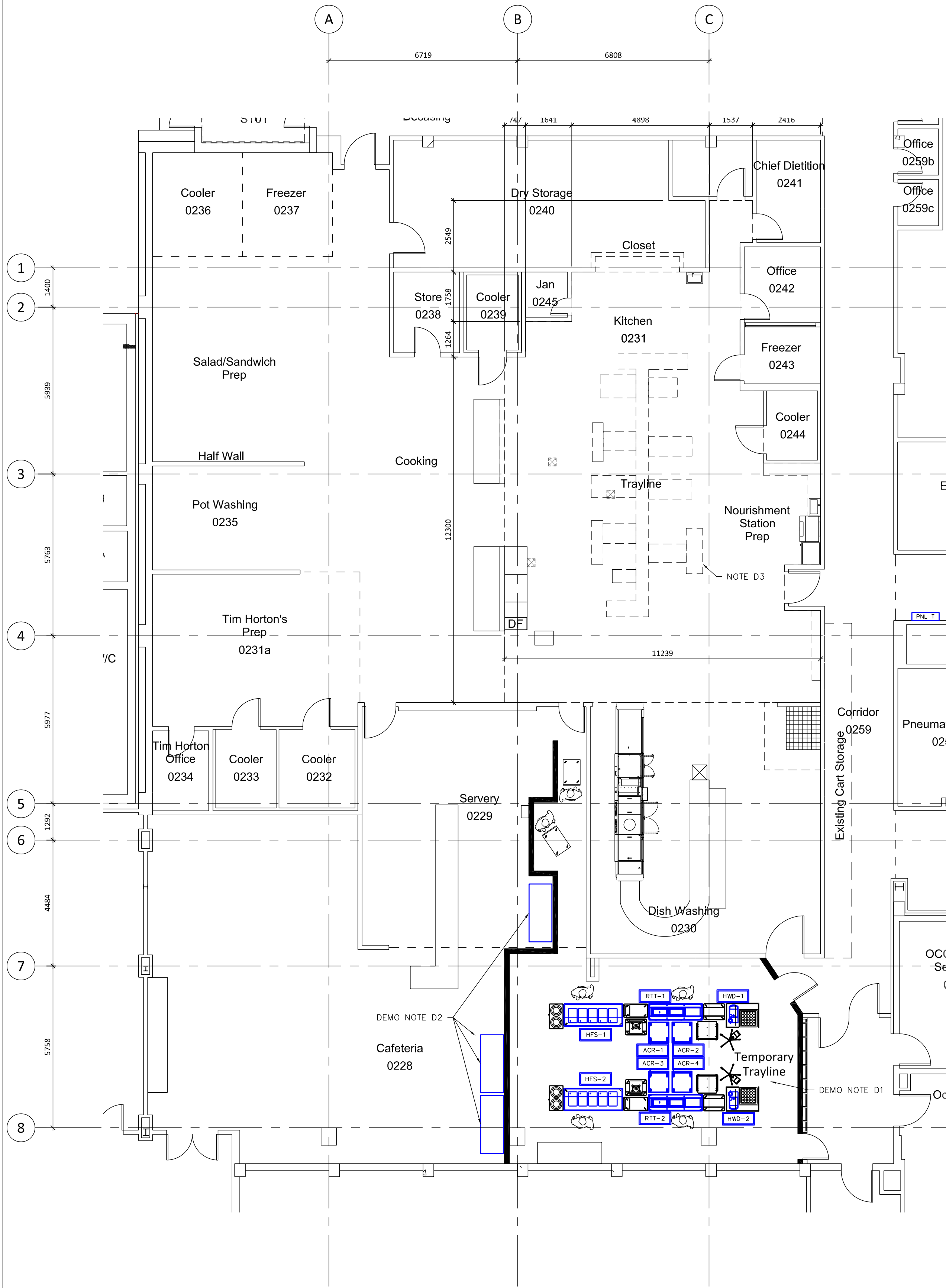
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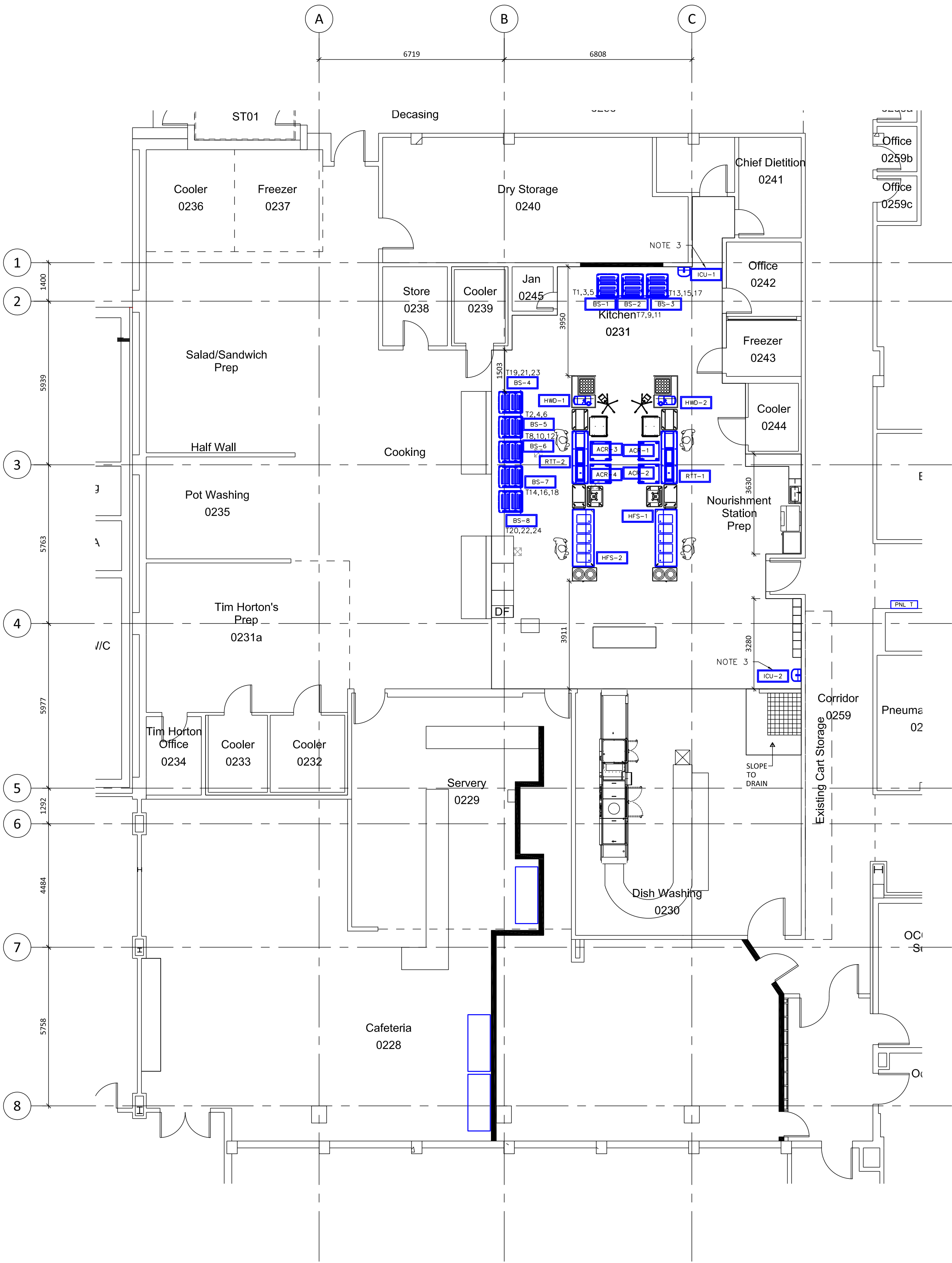
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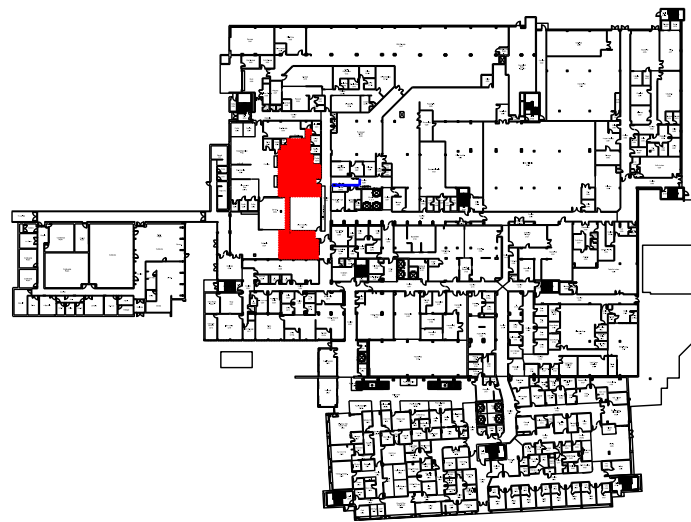
Project Number	N2859
Project Name	UHN TRAYLINE ASSEMBLY SYSTEM REPLACEMENT
Sheet Number	E1
Drawing	LEVEL 0 FLOOR PLAN - PHASE 1 ELECTRICAL
Drawn By	MJ
Checked By	RZ



LEVEL 0 DEMO PLAN - PHASE 2
SCALE 1:100



LEVEL 0 FLOOR PLAN - PHASE 2
SCALE 1:100



KEY PLAN

PHASE 2 DEMOLITION NOTES:

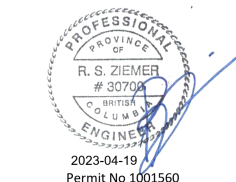
- D1. TRAYLINE EQUIPMENT TO BE RELOCATED FROM CAFETERIA 228 TO KITCHEN 231. REMOVE CABLES AND RECEPTACLES USED FOR TEMPORARY PHASE AND TURN OVER TO OWNER.
- D2. COOLERS & SUMP PUMP TO REMAIN IN THIS PHASE.
- D3. CAP OFF AND MAKE SAFE EXISTING IN FLOOR ELECTRICAL BOX TO BE REMOVED AND FLOOR MADE LEVEL.

PHASE 2 NOTES:

1. PROVIDE PERMANENT LOCATION FOR EQUIPMENT & RECEPTACLES. NEW BASE STATIONS TO BE INSTALLED. USE THE PERMANENT CABLES FROM JUNCTION BOX FOR INSTALLING THE EQUIPMENT IN KITCHEN 231. RETAIN THE CIRCUITS USED FOR EQUIPMENT IN PHASE 1. SEE LAYOUT FOR NEW CIRCUITS & EQUIPMENT.
2. SUSPEND ELECTRICAL CONNECTIONS FOR TRAYLINE USING KELLEMS GRIP.
3. PROVIDE POWER TO NEW SINKS ICU-1 & ICU-2 WITHIN SINK ENCLOSURE.
4. EXISTING HOOD WILL REMAIN OPERATIONAL WITH VENTILATION AND SUPPRESSION SYSTEM AS IS. PROVIDE CONTACTORS AS REQUIRED TO SHUT DOWN ALL NEW ELECTRICAL EQUIPMENT LOCATED BELOW EXISTING HOOD.
- 4.1. REFER TO ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS TO ENSURE ALL NEW EQUIPMENT UNDER EXISTING HOOD IS CONNECTED TO NEW CONTACTORS.
- 4.2. PROVIDE INTERFACE TO EXISTING SUPPRESSION SYSTEM MICROSWITCH TO AUTOMATICALLY DE-ACTIVATE ELECTRICAL WHEN HOOD SUPPRESSION IS ACTIVATED.
- 4.3. ENSURE SYSTEM AUTOMATICALLY RESETS AND IS OPERATIONAL AFTER POWER LOSS.

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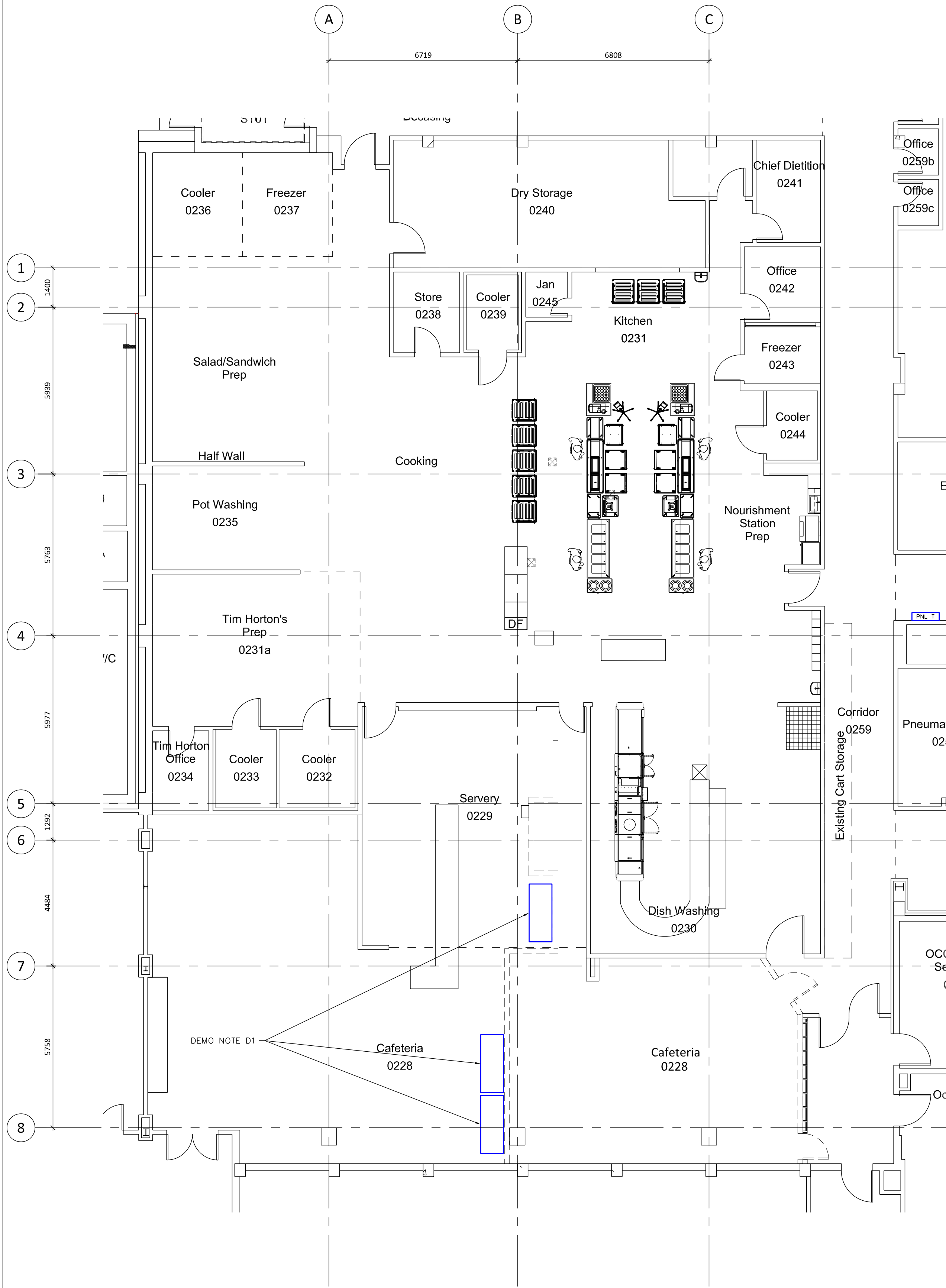
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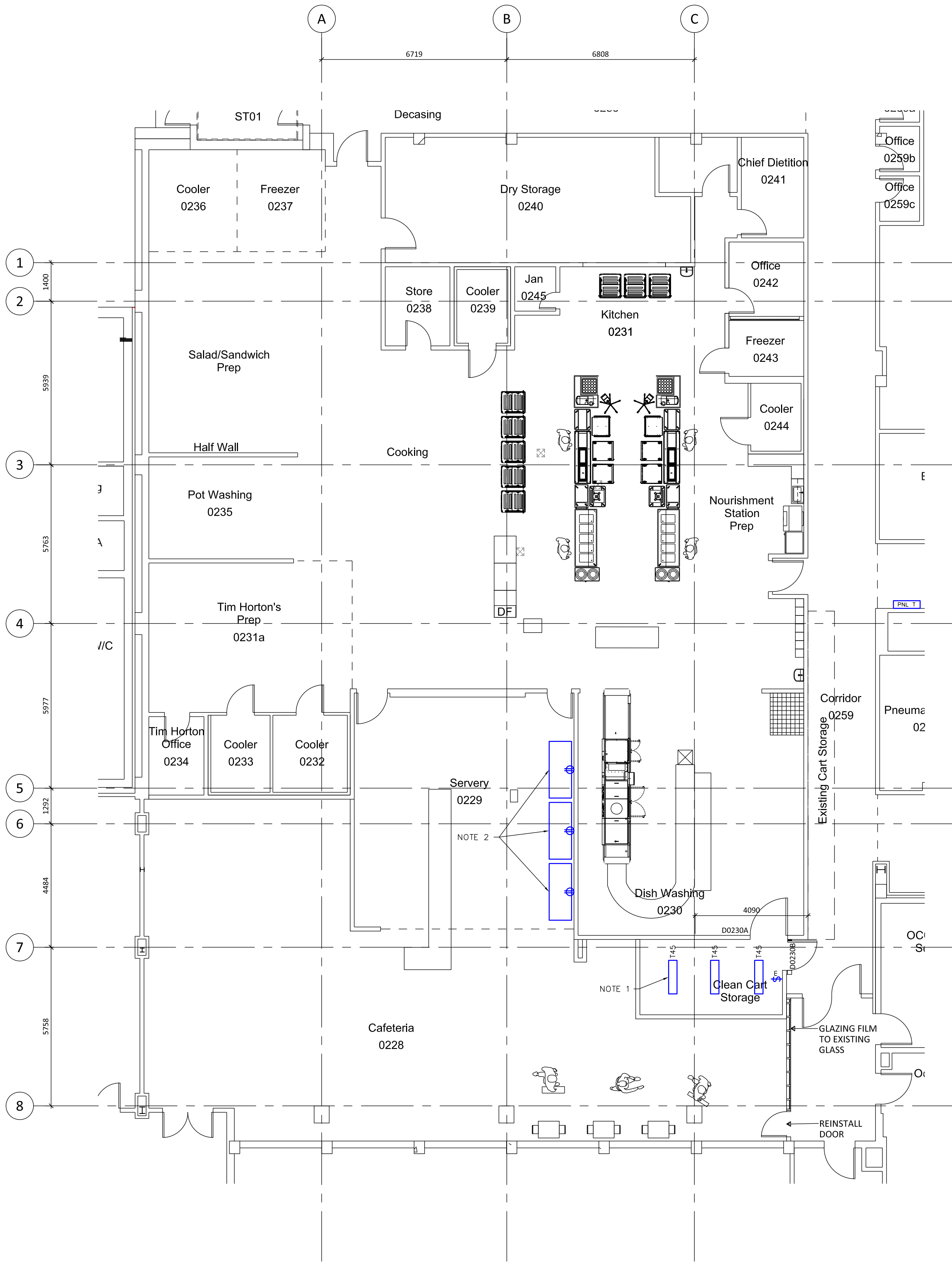
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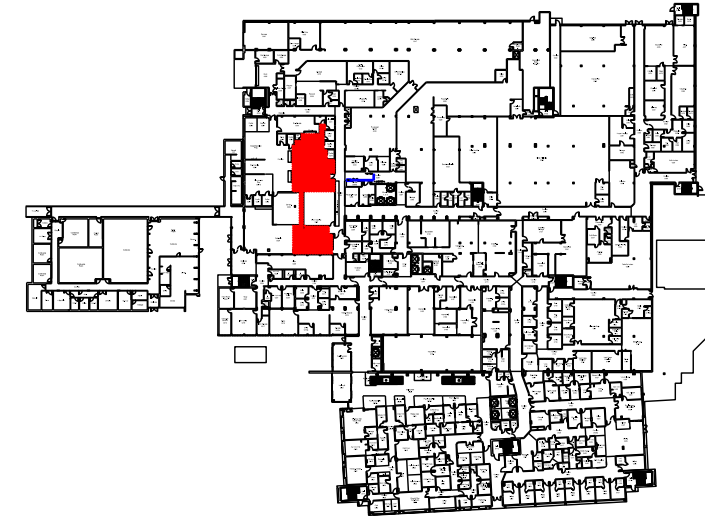
Project Number	N2859	Project	UHN TRAYLINE ASSEMBLY SYSTEM REPLACEMENT
Sheet Number	E2	Drawing	LEVEL 0 FLOOR PLAN - PHASE 2 ELECTRICAL
		Drawn By:	MJ
		Checked By:	RZ



LEVEL 0 DEMO PLAN - PHASE 3
SCALE 1:100



LEVEL 0 FLOOR PLAN - PHASE 3
SCALE 1:100



KEY PLAN

PHASE 3 DEMOLITION NOTES:

- D1. RELOCATE TEMPORARY RECEPTACLES FOR COOLERS.
- D2. REMOVE OLD LIGHTS IN NEW CART STORAGE ROOM SPACE.

PHASE 3 NOTES:

- 1. INSTALL NEW TYPE-A LIGHTS IN CLEAN CART STORAGE. SEE DETAILS PAGE FOR LIGHT FIXTURE SPECIFICATIONS.
- 2. INSTALL PERMANENT 15A RECEPTACLES FOR COOLERS.

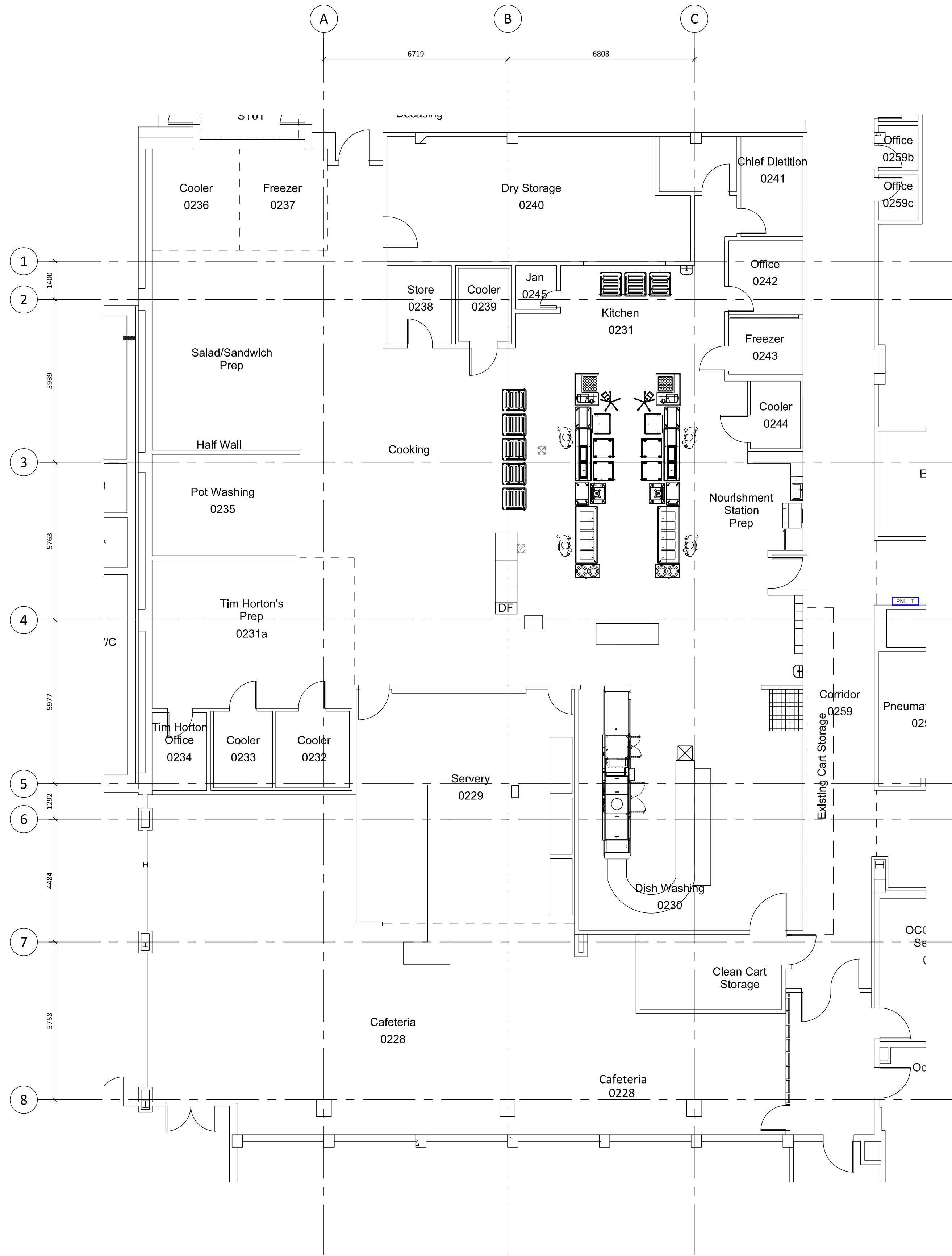
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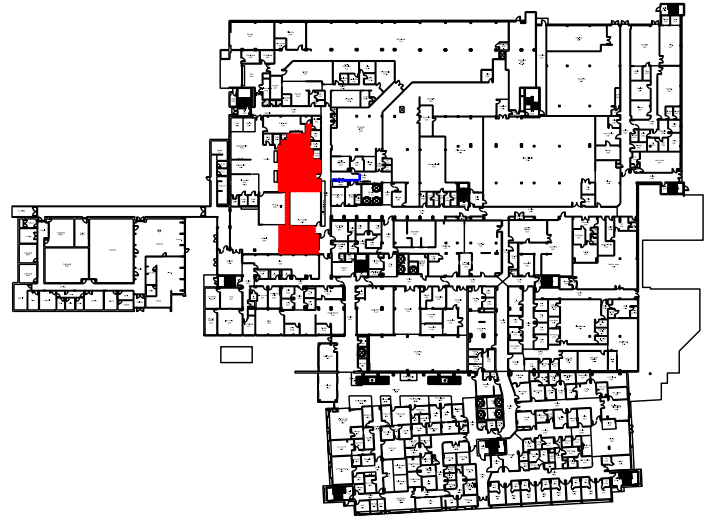


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Project Number	UHN TRAYLINE ASSEMBLY SYSTEM REPLACEMENT
Sheet Number	E3
Drawing	LEVEL 0 FLOOR PLAN - PHASE 3 ELECTRICAL
Drawn By	MJ
Checked By	RZ



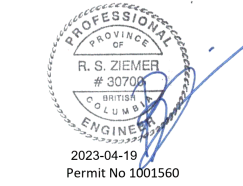
LEVEL 0 DEMO PLAN – PHASE 4
SCALE 1:100



KEY PLAN

PHASE 4 DEMOLITION NOTES:
D1. ELECTRICAL DEMO NOT REQUIRED.

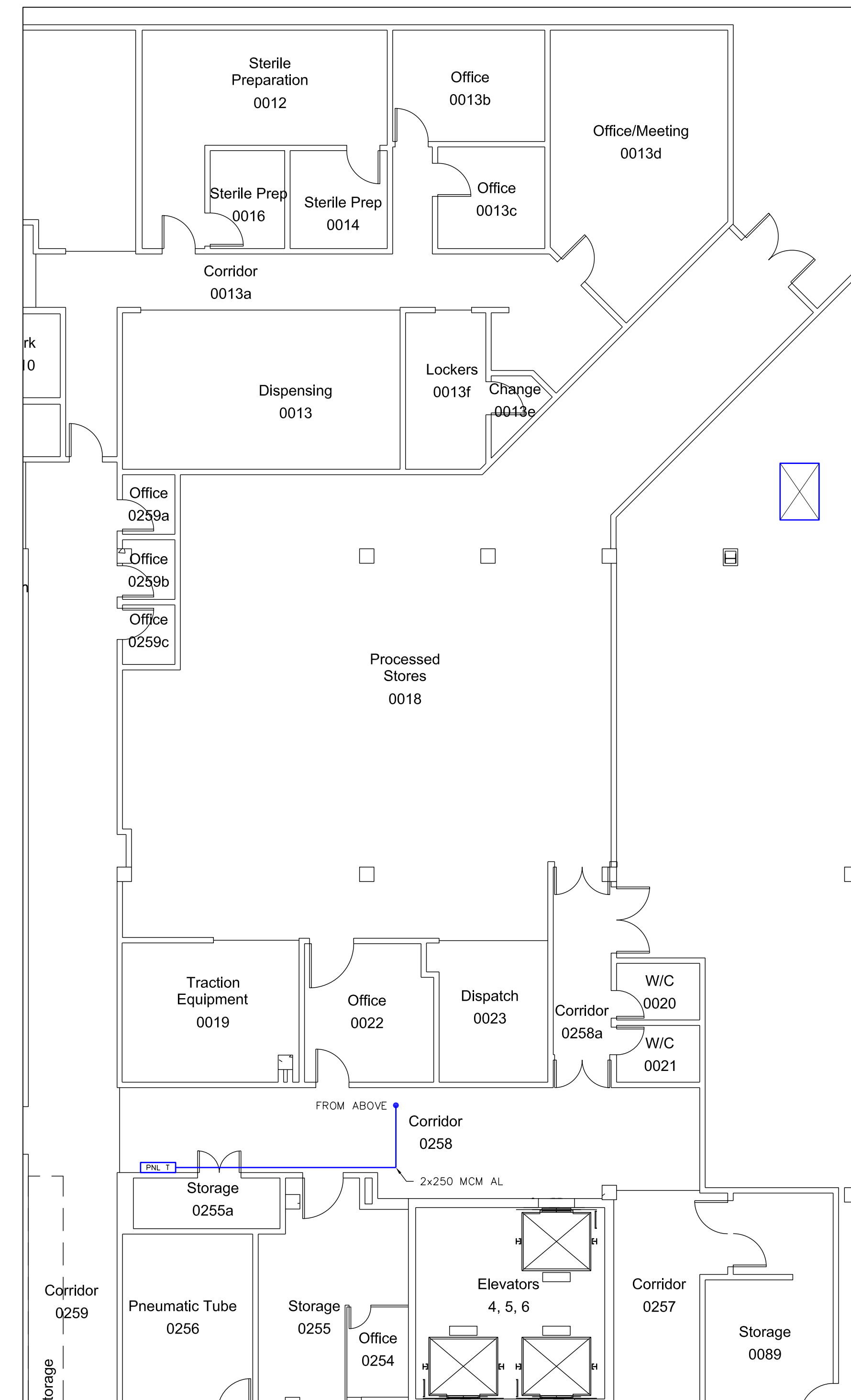
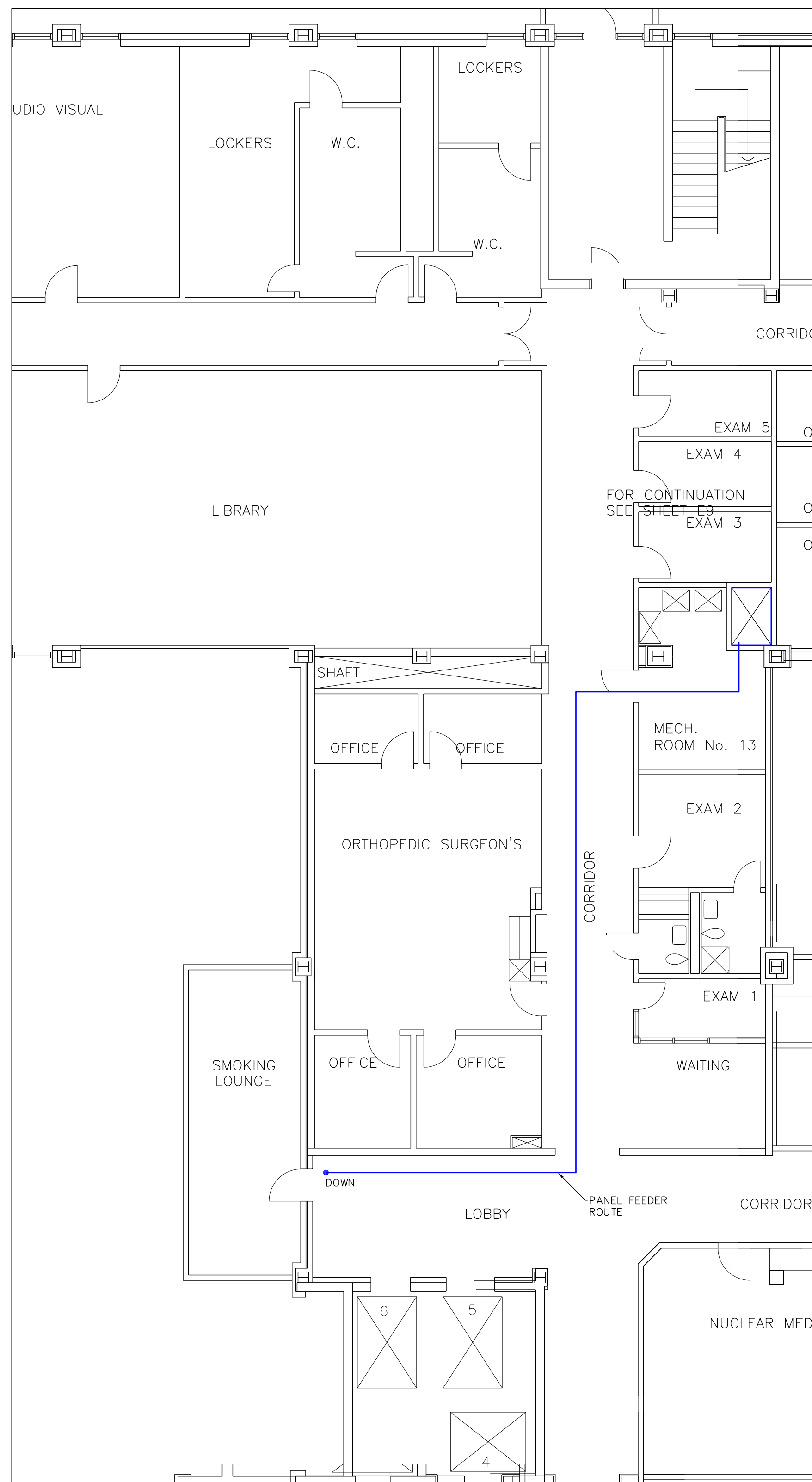
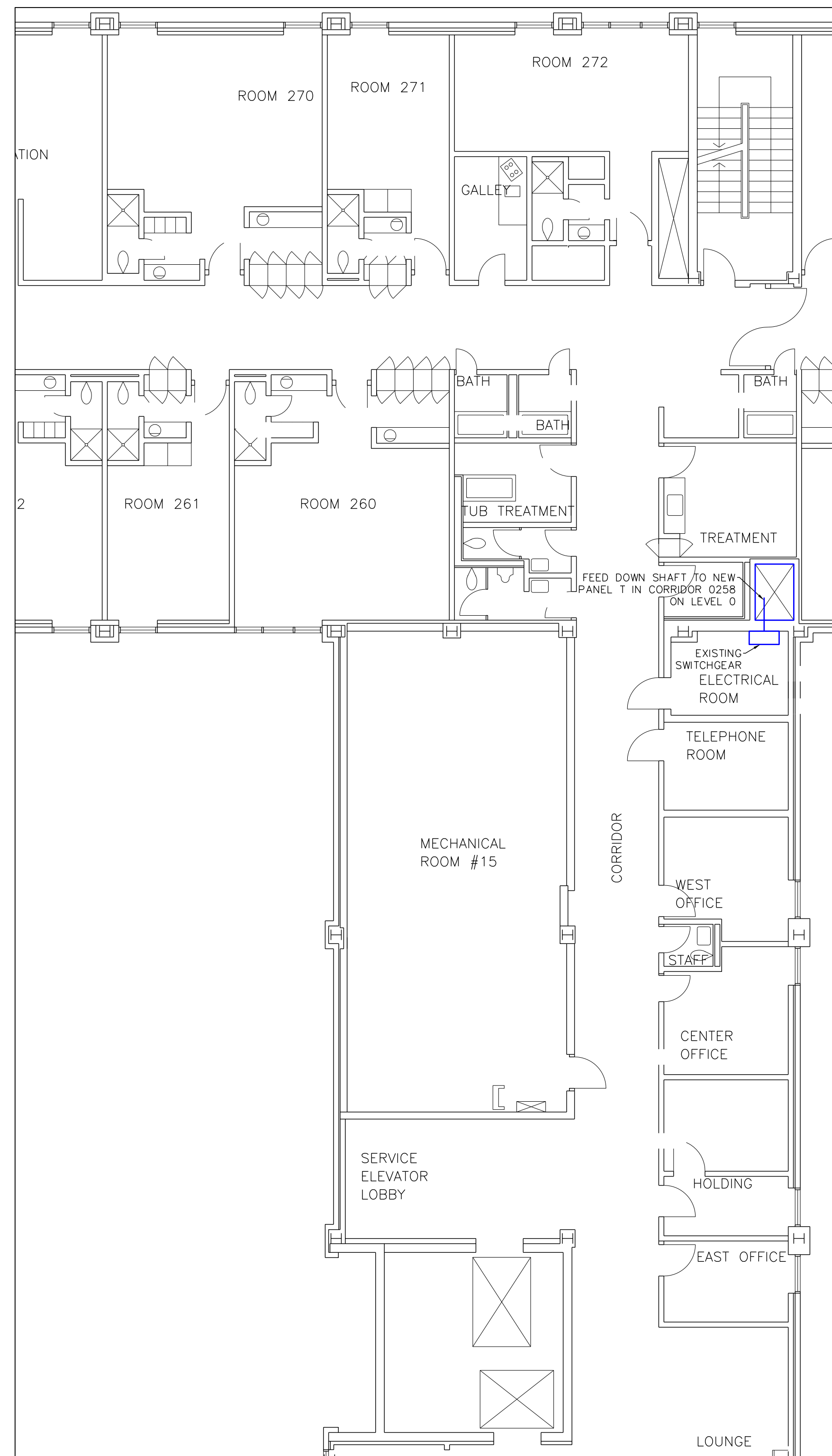
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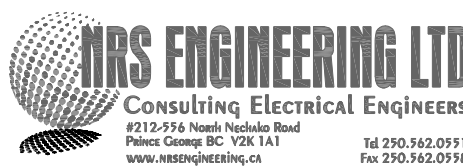
Project	UHN TRAYLINE ASSEMBLY SYSTEM REPLACEMENT	Drawn BY: MJ Checked BY: RZ
Sheet Number	LEVEL 0 FLOOR PLAN – PHASE 4 ELECTRICAL	
Project Number	N2859	
Sheet Number	E4	



NOTES:

1. LOCATION & SIZE OF SHAFT IS APPROXIMATE.
CONFIRM EXACT ROUTE ON SITE.

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ED BY: RZ

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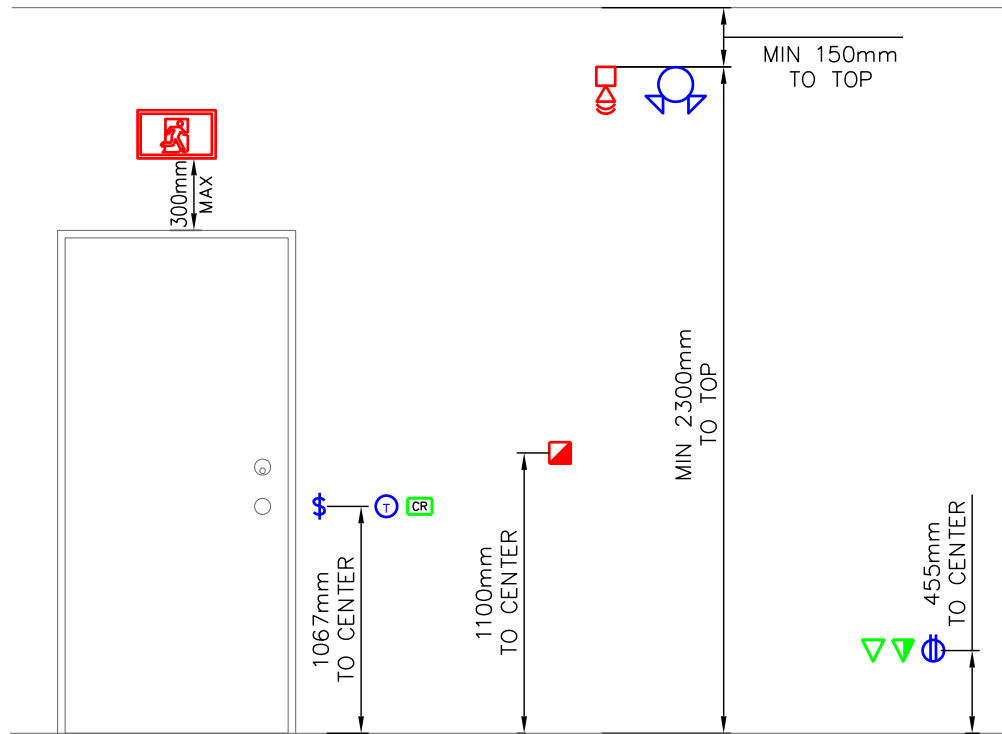
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MECHANICAL EQUIPMENT SCHEDULE									
ITEM	DESCRIPTION	UNIT LOCATION	ELECTRICAL DATA			BREAKER	FEEDER	CIRCUIT	NOTES
			LOAD	VOLTAGE	PHASE				
BS-1	BPOD BOOST N GO BASE STATION	KITCHEN 231	—	208V	3	3P-40A	#8	—	PROVIDE NON-FUSED DISCONNECT TO BE LOCATED BESIDE STATION
BS-2	BPOD BOOST N GO BASE STATION	KITCHEN 231	—	208V	3	3P-40A	#8	—	PROVIDE NON-FUSED DISCONNECT TO BE LOCATED BESIDE STATION
BS-3	BPOD BOOST N GO BASE STATION	KITCHEN 231	—	208V	3	3P-40A	#8	—	PROVIDE NON-FUSED DISCONNECT TO BE LOCATED BESIDE STATION
BS-4	BPOD BOOST N GO BASE STATION	KITCHEN 231	—	208V	3	3P-40A	#8	—	PROVIDE NON-FUSED DISCONNECT TO BE LOCATED BESIDE STATION
BS-5	BPOD BOOST N GO BASE STATION	KITCHEN 231	—	208V	3	3P-40A	#8	—	PROVIDE NON-FUSED DISCONNECT TO BE LOCATED BESIDE STATION
BS-6	BPOD BOOST N GO BASE STATION	KITCHEN 231	—	208V	3	3P-40A	#8	—	PROVIDE NON-FUSED DISCONNECT TO BE LOCATED BESIDE STATION
BS-7	BPOD BOOST N GO BASE STATION	KITCHEN 231	—	208V	3	3P-40A	#8	—	PROVIDE NON-FUSED DISCONNECT TO BE LOCATED BESIDE STATION
BS-8	BPOD BOOST N GO BASE STATION	KITCHEN 231	—	208V	3	3P-40A	#8	—	PROVIDE NON-FUSED DISCONNECT TO BE LOCATED BESIDE STATION
HFS-1	5 WELL HOT FOOD SERVER	KITCHEN 231	4.5kW	208V	3	3P-20A	#12	—	PROVIDE HBL2421 TWIST-LOCK PLUG AND NEMA L15-20 RECEPTACLE
HFS-2	5 WELL HOT FOOD SERVER	KITCHEN 231	4.5kW	208V	3	3P-20A	#12	—	PROVIDE HBL2421 TWIST-LOCK PLUG AND NEMA L15-20 RECEPTACLE
RTT-1	REFRIGERATED TRAY SLIDE TABLE	KITCHEN 231	960W	120V	1	15A	#12	—	PROVIDE HBL4720-C TWIST-LOCK PLUG & NEMA L5-15P RECEPTACLE
RTT-2	REFRIGERATED TRAY SLIDE TABLE	KITCHEN 231	960W	120V	1	15A	#12	—	PROVIDE HBL4720-C TWIST-LOCK PLUG & NEMA L5-15P RECEPTACLE
ACR-1	AIR CURTAIN REFRIGERATOR	KITCHEN 231	—	120V	1	20A	#12	—	PROVIDE HBL2311 TWIST-LOCK PLUG & NEMA L5-20P RECEPTACLE
ACR-2	AIR CURTAIN REFRIGERATOR	KITCHEN 231	—	120V	1	20A	#12	—	PROVIDE HBL2311 TWIST-LOCK PLUG & NEMA L5-20P RECEPTACLE
ACR-3	AIR CURTAIN REFRIGERATOR	KITCHEN 231	—	120V	1	20A	#12	—	PROVIDE HBL2311 TWIST-LOCK PLUG & NEMA L5-20P RECEPTACLE
ACR-4	AIR CURTAIN REFRIGERATOR	KITCHEN 231	—	120V	1	20A	#12	—	PROVIDE HBL2311 TWIST-LOCK PLUG & NEMA L5-20P RECEPTACLE
HWD-1	HOT WATER DISPENSER	KITCHEN 231	8050W	240V	1	2P-45A	#8	—	—
HWD-2	HOT WATER DISPENSER	KITCHEN 231	8050W	240V	1	2P-45A	#8	—	—
SP-1	BEVERAGE STATION SUMP PUMP	—	—	120V	1	15A	#12	—	—
SP-2	HOT FOOD SERVER SUMP PUMP	KITCHEN 231	—	120V	1	15A	#12	—	—
SP-3	HOT FOOD SERVER SUMP PUMP	KITCHEN 231	—	120V	1	15A	#12	—	—
ICU-1	INFECTIOUS CONTROL SINK	KITCHEN 231	—	120V	1	15A	#12	—	—
ICU-2	INFECTIOUS CONTROL SINK	KITCHEN 231	—	120V	1	15A	#12	—	—
—	—	—	—	120V	1	15A	#12	—	—
ABOVE INFORMATION HAS BEEN PROVIDED FROM THE MECHANICAL DESIGNER AND MAY NOT BE COMPLETE. ELECTRICAL CONTRACTOR SHALL REVIEW THE MECHANICAL DRAWINGS, SPECIFICATIONS AND ADDENDA FOR A COMPLETE LIST OF MECHANICAL EQUIPMENT BEFORE SUBMITTING TENDER. PROVIDE ELECTRICAL CONNECTION AND CONTROL AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM AND INCLUDE ALL COSTS IN THE TENDER PRICE. CONTRACTOR TO CONFIRM STARTER AND CONTROL REQUIREMENTS WITH MECHANICAL DIVISION BEFORE SUBMITTING TENDER.									

LIGHTING FIXTURE LEGEND – INTERIOR													
TYPE	TECHNOLOGY	SIZE	DESCRIPTION	WATTAGE	LUMENS	COLOR TEMP	CRI	MOUNTING	CEILING TYPE	INTEGRATED CONTROLS	DIMMING TECHNOLOGY	MODEL PART NUMBER	NOTES
A	LED	1'x4'	ILLUMINA SURFACE WRAP	50W	4100	3000K	80+	SURFACE	DRYWALL	NO	0-10V	BEGHELLI BS100LED-4-HT-50W-WT30-120/277V	—

NEW PANEL T			
DESCRIPTION: TRAYLINE PANEL			
SERVICE: 120/208V 3ø			
FEEDER: 2x250 MCM AL			
BUS: 400A MOUNTING: RECESSED			
MAIN BREAKER			
Circuit Description	No. Brk.	No. Brk.	Circuit Description
—	1	2	—
—	40A	40A	—
BASE STATION	3	4	BASE STATION
BS-1	40A	40A	BS-5
—	5	6	—
—	40A	40A	—
—	7	8	—
—	40A	40A	—
BASE STATION	9	10	BASE STATION
BS-2	40A	40A	BS-6
—	11	12	—
—	40A	40A	—
—	13	14	—
—	40A	40A	—
BASE STATION	15	16	BASE STATION
BS-3	40A	40A	BS-7
—	17	18	—
—	40A	40A	—
—	19	20	—
—	40A	40A	—
BASE STATION	21	22	BASE STATION
BS-4	40A	40A	BS-8
—	23	24	—
—	40A	40A	—
—	25	26	—
—	20A	20A	—
HOT FOOD	27	28	HOT FOOD
SERVER HFS-1	20A	20A	SERVER HFS-2
—	29	30	—
—	20A	20A	—
—	31	32	—
HOT WATER	45A	45A	HOT WATER
DISPENSER HWD-1	33	34	DISPENSER HWD-2
—	45A	45A	—
AIR CURTAIN	35	36	AIR CURTAIN
REFRIGERATOR ACR-1	20A	20A	REFRIGERATOR ACR-3
AIR CURTAIN	37	38	AIR CURTAIN
REFRIGERATOR ACR-2	20A	20A	REFRIGERATOR ACR-4
REFRIGERATED TRAY	39	40	REFRIGERATED TRAY
SLIDE TABLE RTT-1	15A	15A	SLIDE TABLE RTT-2
COOLER	41	42	COOLER
—	15A	15A	—
COOLER	43	44	SUMP
—	15A	15A	PUMP
CART STORAGE	45	46	SPARE
LIGHTS	15A	15A	—
SPARE	47	48	SPARE
—	15A	15A	—
SPARE	49	50	SPARE
—	15A	15A	—
SPARE	51	52	SPARE
—	15A	15A	—
—	53	54	—
—A	—A	—A	—
—	55	56	—
—A	—A	—A	—
—	57	58	—
—A	—A	—A	—
—	59	60	—
—A	—A	—A	—
—	61	62	—
—A	—A	—A	—
—	63	64	—
—A	—A	—A	—

ELECTRICAL LEGEND		
ITEM	ITEM DESCRIPTION	MANUFACTURER PART NUMBER
PKL	NEW DISTRIBUTION PANEL AS PER SPECIFICATIONS	REFER TO SPECIFICATION
ⓘ	15A DUPLEX RECEPTACLE – WHITE WITH STAINLESS STEEL COVERPLATE	LEVITON 16242-W
Ⓢ	15A LINE VOLTAGE SWITCH W/ INTEGRAL OCCUPANCY SENSOR	EATON



TYPICAL DEVICE MOUNTING DETAIL

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Project	UHN TRAYLINE ASSEMBLY SYSTEM REPLACEMENT	Drawing	ELECTRICAL DETAILS
Project Number	N2859	Sheet Number	E6
1475 EDMONTON STREET, PRINCE GEORGE, BC V2M 1S2		DRAWN BY: MJ CHECKED BY: RZ	